

# Trees

358755\_PixelRule.tiff ↵

*A tree is a nonempty collection of nodes and edges that satisfies certain requirements. A node is a simple object with a label that can carry other associated information; an edge is a connection between two nodes. A path in a tree is a list of distinct nodes in which successive nodes are connected by edges in the tree. One node in the tree is designated as the root. The defining property of a tree is that there is exactly one path between the root and each of the other nodes in the tree.*

Robert Sedgewick, Algorithms, Addison Wesley 1988

1PixelRule.tiff ↵

## See also

;TreesInWood.rtf; ↵ Tree Representation in Wood